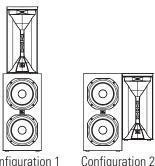
S Y N T H E S I JBL

SAM12x Passive Crossover

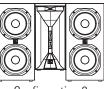
DIAGRAM FOR SAM1HF/SAM2LF SPEAKER MODULES CONNECTION

INSTALLATION NOTES:

- Install the SAM12x as close to the SAM speaker modules as possible. This will ensure the best possible sound quality.
- Never use the SAM12x with any speakers other than the SAM1HF/SAM2LF modules.
- Only use the approved module configurations shown below. Other configurations could result in poor performance.
- Check all speakers for proper phase using a phase tester. Incorrect wiring could lead to poor performance.
- NEVER mount the SAM1HF on its side; always stand it up vertically. Only the approved configurations shown below should be used.

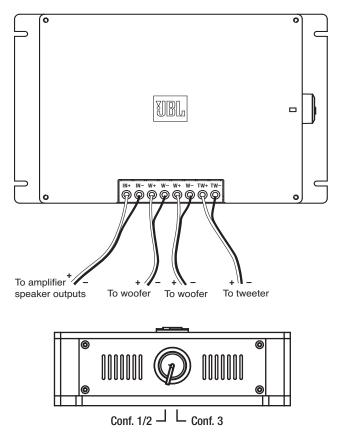






Configuration 1

Configuration 3



- 1. Configure the SAM1HF/SAM2LF speakers in one of the approved configurations and mount them securely. See the SAM1HF/SAM2LF owner's manual for detailed information.
- 2. Connect the positive and negative speaker-level outputs of the amplifier to the speaker terminal inputs marked IN+ and IN-.
- 3. Connect the TW+ and TW- outputs to the positive and negative terminals on the SAM1HF.
- 4. Connect the first set of W+ and W- outputs to the positive and negative terminals on the SAM2LF.
- 5. Connect the second set of W+ and W- outputs to a second SAM2LF only if you are using multiple SAM2LF modules.
- 6. Using the selector knob on the side of the SAM12x, select the configuration you are using.



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